

=> d ibib abs 16 1-1

L6 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 1992:169270 HCAPLUS
DOCUMENT NUMBER: 116:169270
TITLE: Fluorimetric detection of a Bacillus
stearothermophilus spore-bound enzyme,
 α -D-glucosidase, for rapid indication
of flash sterilization failure.
AUTHOR(S): Vesley, Donald; Langholz, Ann C.; Rohlfing, Stephen
R.; Foltz, William E.
CORPORATE SOURCE: Sch. Public Health, Univ. Minnesota, Minneapolis, MN,
55455, USA
SOURCE: Applied and Environmental Microbiology (1992), 58(2),
717-19
CODEN: AEMIDF; ISSN: 0099-2240
DOCUMENT TYPE: Journal
LANGUAGE: English
AB A biol. indicator based on fluorometric detection within 60 min
of a B. stearothermophilus spore-bound enzyme, α -D-glucosidase, has
been developed. Results indicate that the enzyme survived
slightly longer than spores observed after 24 h of incubation. The new
system shows promise for evaluating flash sterilization cycles within 60
min compared with conventional 24-h systems.

=> d ind

L6 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2003 ACS on STN
CC 9-2 (Biochemical Methods)
Section cross-reference(s): 7, 10
ST fluorometry Bacillus glucosidase; flash sterilization failure Bacillus
glucosidase
IT Sterilization and Disinfection
(flash, failure of, fluorometric detection of Bacillus
stearothermophilus glucosidase for indication of)
IT Bacillus stearothermophilus
(glucosidase of, fluorometric detection of, for indication of
flash sterilization failure)
IT 9001-42-7, α -D-Glucosidase
RL: PROC (Process)
(of Bacillus stearothermophilus, fluorometric detection of, for
indication of flash sterilization failure)

=>